

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-101 (canceled)

Claim 102. (currently amended): An ~~ion-generator~~ electrode assembly configured to create a flow of air comprising:

- a. a first electrode;
- b. a second electrode located downstream from the first electrode;
- c. a ~~trailing third~~ electrode located at least partially downstream from the second electrode and having an ion emitter, wherein at least a portion of the ~~trailing third~~ electrode is triangular in shape; and
- d. a voltage generator operatively coupled to the first electrode, the second electrode and the ~~trailing third~~ electrode, ~~wherein the voltage generator causes air to flow from the that electrode to the second electrode and causes the trailing electrode to emit ions.~~

103. (currently amended): The ~~ion-generator according to~~ electrode assembly of claim 102 wherein the second electrode and the ~~trailing third~~ electrode operate at the same polarity.

104. (currently amended): The ~~ion-generator according to~~ electrode assembly of claim 102 wherein the second electrode is configured to collect charged particles in the air.

105. (currently amended): The ~~ion-generator according to~~ electrode assembly of claim 102 wherein the ~~trailing third~~ electrode is configured to collect charged particles in the air.

106. (currently amended): The ~~ion-generator according to~~ electrode assembly of claim 102 wherein the ~~trailing third~~ electrode is configured to neutralize oppositely charged particles in the air.

107. (currently amended): The ~~ion-generator according to~~ electrode assembly of claim 102 where in the ~~trailing~~ third electrode emits negative ions.

108. (currently amended): The ~~ion-generator according to~~ electrode assembly of claim 102 wherein the ~~trailing~~ third electrode and the second electrode emit negative ions.

109. (currently amended): The ~~ion-generator according to~~ electrode assembly of claim 102 wherein at least one end of the ~~trailing~~ third electrode is pointed.

110. (currently amended): The ~~ion-generator according to~~ electrode assembly of claim 102 wherein the second electrode is adapted to be removably coupled to a housing of an electro-kinetic air transporter conditioner.

111. (currently amended): The ~~ion-generator according to~~ electrode assembly of claim 102 wherein the second electrode is adapted to be removably coupled to a housing of an electro-kinetic air transporter conditioner for cleaning purposes.

112. (currently amended): The ~~ion-generator according to~~ electrode assembly of claim 110 wherein the second electrode is attached to a handle, wherein the handle allows a user to remove the second electrode from the housing of the electro-kinetic air transporter conditioner.

113. (currently amended): The ~~ion-generator according to~~ air treatment device of claim 440 154 wherein the second electrode has a particle collector.

114. (currently amended): The ~~ion-generator according to~~ air treatment device of claim 443 154 wherein the ~~second-third~~ electrode has a particle collector.

115. (currently amended): The ~~ion-generator according to~~ air treatment device of claim 440 113 wherein the second electrode assembly is removable through a top surface of the housing.

116. (currently amended): The ~~ion generator according to~~ electrode assembly of claim 102 wherein the second electrode further comprises an elongated fin having a first end and a second end configured vertically opposite of the first end.

117. (currently amended): The ~~ion generator according to~~ electrode assembly of claim 116 wherein the ~~trailing~~ third electrode is positioned proximal to the first end of the second electrode.

118. (currently amended): The ~~ion generator according to~~ electrode assembly of claim 102 wherein the voltage generator is located within an elongated housing of an electro-kinetic air transporter conditioner.

119. (currently amended): The ~~ion generator according to~~ electrode assembly of claim 102 wherein the second electrode further comprises a plurality of elongated plates each having a first end and a second end configured vertically opposite of the first end, wherein the elongated plates are configured parallel to each other.

120. (currently amended): The ~~ion generator according to~~ electrode assembly of claim 119 wherein the ~~trailing~~ third electrode is positioned proximal to the first end of the second electrode.

121. (currently amended): The ~~ion generator according to~~ electrode assembly of claim 102 wherein the second electrode further comprises three elongated plates each having a first end and a second end configured vertically opposite of the first end, wherein the elongated plates are configured parallel to each other.

122. (currently amended): The ~~ion generator according to~~ electrode assembly of claim 102 wherein the first electrode emits positive ions and the second electrode emits negative ions.

123. (currently amended): The ~~ion generator according to~~ electrode assembly of claim 122 wherein the ~~trailing third~~ electrode emits negative ions.

124. (currently amended): The ~~ion generator according to~~ electrode assembly of claim 102 wherein the first electrode charges particulates in the air and the second electrode collects the charged particulates flowing from the first electrode.

125. (currently amended): The ~~ion generator according to~~ electrode assembly of claim 102 wherein at least one pointed surface of the ~~trailing third~~ electrode is configured to face downstream.

126. (currently amended): The ~~ion generator according to~~ electrode assembly of claim 102 wherein at least one pointed downstream flow of air.

Claims 127-153 (canceled)

154. (currently amended): An ~~electro-kinetic air transporter-conditioner~~ treatment device having an ion generator, the air treatment device comprising:

- a. a first electrode assembly;
- b. a second electrode assembly downstream of the first electrode assembly;
- c. a ~~trailing third~~ electrode at least partially downstream of the second electrode assembly and having an ion emitter, the ~~trailing third~~ electrode including a plurality of pointed ends, and having at least a portion configured triangular in shape; and
- d. a voltage generator electrically coupled to the second electrode assembly and the ~~trailing third~~ electrode, wherein the second electrode assembly and the ~~trailing third~~ electrode are charged at ~~the a~~ same potential.

155. (canceled)

156. (canceled)

157. (canceled)

158. (currently amended): The ~~ion generator according to~~ air treatment device of claim
171 wherein the second electrode assembly is configured to collect charged particles in the air.

159. (currently amended): The ~~ion generator according to~~ air treatment device of claim
171 wherein the ~~trailing third~~ trailing third electrode is configured to collect charged particles in the air.

160. (currently amended): The ~~ion generator according to~~ air treatment device of claim
171 wherein the ~~trailing third~~ trailing third electrode is configured to neutralize oppositely charged particles in
the air.

161. (currently amended): The ~~ion generator according to~~ air treatment device of claim
171 wherein the ~~trailing third~~ trailing third electrode emits negative ions.

162. (currently amended): The ~~ion generator according to~~ air treatment device of claim
171 wherein the ~~trailing third~~ trailing third electrode emits and the second electrode emit negative ions.

163. (currently amended): The ~~ion generator according to~~ air treatment device of claim
171 wherein the second electrode assembly is removable through a top surface of a housing.

164. (currently amended): The ~~ion generator according to~~ air treatment device of claim
171 wherein the first electrode assembly emits positive ions and the second electrode assembly
emits negative ions.

165. (currently amended): The ~~ion generator according to~~ air treatment device of claim
164 wherein the ~~trailing third~~ trailing third electrode emits negative ions.

166. (canceled)

167. (currently amended): The claim ~~ion generator according to~~ air treatment device of
171 wherein a pointed end of the ~~trailing third~~ trailing third electrode is configured to face the downstream
direction.

168. (currently amended): The ~~ion-generator according to~~ air treatment device of claim
171 wherein a pointed end of the ~~trailing third~~ electrode is configured to face in a direction
substantially perpendicular to the downstream direction.

169. (currently amended): A method of ~~providing an air conditioner~~ manufacturing an
air treatment device conditioning air comprising:

- a. providing a housing;
- b. configuring a first electrode in the housing;
- c. configuring a second electrode in the housing downstream from the first electrode;
- d. configuring a ~~trailing third~~ electrode in the housing at least partially downstream from the electrode and having an ion emitter, wherein at least a first portion of the trailing third electrode is triangular in shape; and
- e. coupling a voltage generator electrically to the first electrode and the second electrode.

170. (canceled)

171. (currently amended): An ~~air conditioner having an ion-generator~~ treatment device
comprising:

- a. first electrode assembly;
- b. a second electrode assembly downstream of the first electrode assembly;
- c. a ~~trailing third~~ electrode at least partially downstream of the second electrode assembly and having an ion emitter, the ~~trailing third~~ electrode having at least a portion configured triangular in shape; and
- d. a voltage generator electrically coupled to the second electrode assembly and the ~~trailing third~~ electrode, wherein the second electrode assembly and the ~~trailing third~~ electrode are charged at the same potential.

172. (currently amended): The ~~ion-generator according to~~ air treatment device of claim
154 wherein the first electrode assembly further comprises a plurality of wire-like electrodes.

173. (currently amended): The ~~ion-generator according to~~ air treatment device of claim
154 wherein the second electrode assembly further comprises a plurality of plates parallel to one another.

174. (currently amended): The ~~ion generator according to~~ air treatment device of claim 171 wherein the first electrode assembly further comprises a plurality of wire-like electrodes.

175. (currently amended): The ~~ion generator according to~~ air treatment device of claim 171 wherein the second electrode assembly further comprises a plurality of plates parallel to one another.